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ABSTRACT

Nine articles published between 1981 and 1984 and cited in "Resources in Education" and "Current Index to Journals in Education" are listed in this bibliography on uses of microcomputers in library instruction. Emphasis is on how school libraries are using the microcomputer as educational media and library management tools. Topics include the current and emerging impact of microcomputers on the instructional role of the school media program; specific examples of the development of microcomputer programs to expand services in the area of library skills instruction and search strategy methods in high schools; a critical review of a computerized instructional package designed to strengthen student skills in using periodical indexes; specific software packages available for library and media center operations and library instruction; and the effectiveness of microcomputer-based instruction compared with the lecture method and independent reading approaches in delivering instruction on library information retrieval skills. In addition to the bibliographical information and the annotations, ERIC accession numbers are provided. (THC)

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INFORMATION RESOURCES ON. . .

MICROCOMPUTERS IN LIBRARY INSTRUCTION

A Selected ERIC Bibliography

Citations in this bibliography were selected from the Educational Resources Information Center (ERIC) indexes Current Index to Journals in Education (CIJE) and Resources in Education (RIE).

Barrette, Pierre. Microcomputers in the school media program. Catholic Library World, October 1981, 53(3), 125-132. (Available UMI: EJ 254 059)

Addresses the current and emerging impact of microcomputers on the instructional role of the school media program from a national to a building level perspective. Twenty-one references are listed.

Boehmer, M. Clare. Computerizing on a shoestring. Catholic Library World, November 1982, 54(4), 162-165. (Available UMI: EJ 272 988)

Focuses on the computerization of the Gibault High School library in Waterloo, Illinois, discussing the development of microcomputer programs to expand services in the area of library skills instruction and search strategy methods. Hardware, software, finances, personnel, and planning considerations are noted. (EJS)

Deacon, Jim. Computer software for library/media center applications (and) an update. CMC News, Fall 1982-Win 1983. (ERIC Document Reproduction Service No. ED 233 716; MF-$.97/pc-$2.15)

Software titles are listed under the name and address of the company or institution from which they are commercially available, but no price information is provided. Types of microcomputers are indicated for which each software package is available. Titles cover library skills instruction for students or other users as well as library technical processes for librarians or media specialists.

Lathrop, Ann. Building the software collection: Part III. Educational Computer Magazine, January-February 1982, 2(1), 16-17,52-53. (Available UMI: EJ 258 623)

Critical review of Periodical Indexes, a computerized instructional package designed to strengthen student skills in using periodical indexes in the library. A sample of the software evaluation checklist, developed by the National Council of Teachers of Mathematics, is included. (JJD)

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Lathrop, Ann; May, Curtis. The amazing library computer. Electronic Learning, February 1983, 2(5), 68-71. (Available UMI: EJ 276 824)

Examines how school libraries are using the microcomputer as educational media (computer-assisted instruction, educational games) and library management tools (database management systems and word processing). Four innovative programs in Colorado, Minnesota, Illinois, and Oregon are profiled. Additional resources on microcomputer applications and software possiblities are noted. (EJS)

Moskowitz, Mickey. Developing a microcomputer to evaluate library instruction. School Library Media Quarterly, Summer 1982, 10(4), 351-356. (Available UMI: EJ 264 809)

Describes a systems development process to organize and report the data needed to prepare a microcomputer program for evaluating library instrruction programs in high school libraries and media centers. A flow chart illustrating the sample program and seven references are included. (JL)

Naumer, Janet Noll. Microcomputer software packages--choose with caution. School Library Journal, March 1983, 29(7), 116-119. (Available UMI: EJ 283 017)

Briefly discusses types of software available for library and media center operations and library instruction, suggests three sources of software reviews, and describes almost 50 specific application programs available for bibliographic management, cataloging, circulation, inventory and purchasing, readability, and teaching library skills in Grades 1-12. Fifteen references are included. (BBM)

Urbanek, Val. Inform: Library information at your fingertips. Information Technology and Libraries, December 1982, 1(4), 336-341. (Available UMI: EJ 274 784)

User-friendly computer terminals with touch sensitive screens are used in new instruction and information dissemination system operating at Providence Public Library and Rockefeller Library at Brown University. This microcomputer-based turnkey system offers databases built by librarians providing information such as use of library, book reviews, and community and library events. (EJS)

Zsiray, Stephen W. Jr. A comparison of three instructional approaches in teaching the use of the abridged readers' guide to periodical literature. Journal of Educational Technology Systems, 1983-84, 12(3), 241-247. (Available UMI: EJ 297 036)

Describes a study of the effectiveness of microcomputer-based instruction compared with the lecture method and independent-reading approaches in delivering instruction on library information retrieval skills to eighth-grade students. Results indicate the microcomputer-based courseware and lecture method were identical in instructional effectiveness and both were more effective than independent reading. (MBR)

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All citations with EJ numbers are journal articles from CIJE and can be obtained from a library, borrowed through interlibrary loan, or ordered through UMI, 300 N. Zeeb Rd., Ann Arbor, MI 48106 ($10.00 per article), if so indicated. Those with ED numbers are from RIE and can be read at an ERIC microfiche collection or ordered in microfiche or paper copy from EDRS, P. O. Box 190, Arlington, VA 22210.

October 1984

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